AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A multifunction power convertor, comprising:

a rectifier circuit;~~,~~

a filter circuit connecting with the rectifier circuit;~~,~~

an inverter circuit connecting with the filter circuit;~~,~~

differential mode voltage suppression reactors (LS_1, LS_2, LS_3) which connect in series with ~~the~~ output lines (U, V, W) of the inverter circuit respectively; ~~, and~~

a filter capacitor group, said filter capacitor group comprising a plurality ~~consists~~ of capacitors (C_3, C_4, C_5), one ends of which ~~that~~ connect in series with the output lines (U, V, W); ~~, while~~

wherein ~~the~~ other ends of said plurality of capacitors (C_3, C_4, C_5) connect in parallel and form a center point (N); ~~,~~

~~characterized in that~~ wherein a closed magnetic ring is provided on the output lines (U, V, W) of the inverter circuit between the differential mode voltage suppression reactors and the filter capacitor group; and ~~,~~ and

wherein the closed magnetic ring is arranged in such way that the output lines (U, V, ~~A,~~ W) wind in parallel on the closed magnetic ring.

2. (Currently Amended) The multifunction power convertor of ~~claimed in~~ claim 1 ~~or its preamble portion~~, ~~characterized in that~~ wherein the center point (N) of the filter capacitor group connects with a ~~the~~ center point (A) of a ~~the~~ DC source of the rectifier ~~filter~~ circuit and together join ~~the~~ ground.